

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
Andreas Mühe	)	Art Unit: 1722
	)	
Application No. 10/650,240	)	Examiner: R. Kunemund
	)	
Filing Date: August 27, 2003	)	Confirmation No. 6388
	)	
For: CRYSTAL-GROWING FURNACE, IN	)	
PARTICULAR A VERTICAL	)	
BRIDGMAN CRYSTAL-GROWING	)	
FURNACE OR A VERTICAL GRADIENT	)	
FREEZE CRYSTAL-GROWING	)	
FURNACE HAVING A JACKET	)	
HEATER AND A METHOD OF	)	
REGULATING THE HEAT OUTPUT OF	)	
THE JACKET HEATER	)	

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

August 25, 2006

Sir:

In response to the Office Action dated May 26, 2006, please amend the above-referenced application as indicated.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 3 of this paper.